Computerized Assessment and Learning, LLC
Blending Assessment with Instruction Program (BAIP-MATH)

The Blending Assessment with Instruction Program (BAIP-MATH) aligns national mathematic curriculum standards and state-specific math standards into instruction that supports teaching and learning. BAIP is based on the logic that students learn best in an environment where assessment and instruction are blended to support teachers and engage students. The program provides teachers with high-quality instructional resources aligned with curriculum standards and timely access to student performance data. The program provides three sets of Web-based resources for students and teachers in grades 3 through high school that are based on mathematics standards and indicators.

BAIP resources include **276** self contained lessons for use by teachers, **417** independent online study tutorials for students, and a data reporting system designed to provide teachers immediate feedback on student performance to facilitate instructional decision-making.

To find more information on BAIP, go to www.caltesting.org.

BAIP Lesson Frameworks

The Contextual Framework introduces the lesson by providing teachers with basic information about a curriculum standard, benchmark, and indicator (skill) aligned with the lessons.

The Teaching Framework provides teachers with more detail about each indicator and serves as an instructional tool to increase teachers' knowledge about the indicator/skill being targeted.

The Lesson Framework begins by identifying concepts that serve to link what students' already know and have experienced (prior knowledge) to new concepts being introduced. Teachers are provided with an age appropriate application of the new skills or concepts being introduced. Specific strategies are provided to introduce new skills or concepts, followed by step-by-step demonstrations. Each concept is illustrated through specific examples of teacher prompts and corresponding student responses. This approach serves two purposes: first, it requires students to be actively engaged in the lesson; second, students' responses allow teachers to continuously monitor skill acquisition.

The Application Framework includes three components: guided practice, independent practice, and validation questions. BAIP lessons provide teachers with all the materials needed to perform these three steps including practice worksheets.

The Extensions Framework provides teachers with additional activities for students with learning disabilities and students in need of academic enrichment.

BAIP Student Tutorials

Instructional Tutorials provide students with online independent study to help them understand and learn mathematics skills and concepts included in the Curricular Standards. This format provides students with additional opportunities to experience and respond to assessment items that are similar to items they encounter on assessments.

BAIP Data Reporting System provides an electronic grade book. BAIP tutorial results are automatically sent to the teacher's BAIP Grade Book. This allows teachers to base their instructional decisions on student performance.